

Vol. XXIV. No. 63.

BOSTON, MASS., FRIDAY, MARCH 24, 1905.

PRICE THREE CENTS.

### WEARERS OF THE

Regulations Adopted at the Last Meeting of the Advisory Council.

The following are entitled to Ts: Winners of points at the annual meet of the New England Intercollegiate Athletic Association.

Participants in the finals, either singles or doubles, in the annual tournament of the New England Intercollegiate Lawn Tennis Association.

Winners (either singles or members of a team) in the annual tournament of the New England Intercollegiate Golf Association.

Winners (either singles or members of a team) in the annual tournament of the Intercollegiate Fencing Association (provided M. I. T. joins this Association.)

The following are entitled to ATA: Winners of first place in open class meetings.

Winners of points in dual or triangular meetings.

Members of the M. I. T. Relay Teams.

The following are entitled to class numerals:

Winners of points in class games, except Military Relay Race, participants on Technology Field Day as follows: First, to members of both Football Teams. Second, to members of the winning team in the Relay Race. Third, to members of the winning Tug-of War Team.

The following are entitled to cTc: The four men making the fastest time in the annual open Cross Country Race and the manager of the Cross Country Team.

The Advisory Council may award Ts in meetings or matches previously approved and designated by them:

To the manager of the Track Team. To the first or second man in a dual or triangular meeting. To winners of a Relay Race. To any man who makes seventh place or better in a Cross Country Race. To the members of a Basketball or Fencing Team.

The Advisory Council may award other designations as follows:

FTT to the manager and substitute of the Fencing Team.

нТт to members of a Hockey Team who participate in two-thirds | field High School Friday, March 31. |

or more of the games played in one season, and to the manager of the team.

Members of Basketball Team are allowed to wear the BTB in games.

No combination or addition of points to aggregate the equivalent of a higher class will be counted.

#### Gymnastic Exhibition.

This evening at 8 P.M. the Gymnasium Team is to give an exhibition. This will be its second exhibition in which the team has taken part this year. From the showing made in the last one held at the Boston Y.M.C.A. Gym the work in this should be very fine. Exhibitions will be given in work on the high horizontal bar, the parallel bars, the rings, side and long horse, and in tumbling. The team as a whole will give some pyramid work. Smith, '06, will do some club swinging, and Donavan and Schneider are to box. The following men will take part in the work: E. M. Graham, '05 (captain); F. H. Bentley, '06; B. K. Sharp, '07; V. H. Paquet, '05; M. J. Gibbons, '06; P. K. Griffin, '06; J. P. Stow, '07; G. C. Thomas, '05; F. P. Poole, '05; Brown, '08; J. Smith, '06; J. B. Whitmore, '05; W. I. Lourie, '06, and M. B. Landers, '05.

The exhibition will last from 8 P.M. until 10 P.M. An admission of 25 cents is to be charged.

### Cross Country Association.

There will be a meeting of the Cross Country Association Friday, March 31, at 1.00 P.M. in Room 26, Rogers, for the purpose of electing officers. Nominations will be received until March 24. All nominations should be handed in to Box 13, Cage.

#### E. H. S. Club Meeting.

An enthusiastic meeting of the former students at the Boston English High School was held on Wednesday, March 22, about twentyfive being present. A Constitution Committee with F. E. Early as chairman was elected, and it was decided to hold the next meeting tomorrow at 1 o'clock.

The 1908 team will fence Spring-

### THE PROM.

Arrangements Indicate an Unusual Success.

Already more than twice as many men have signified their intention of going to the Prom this year as ever went to a Prom in the history of That ideal of all Technology. recent Prom Committees has been realized in that the large ball room at the Somerset Hotel will be used. The Committee has ordered some very tasteful dance orders in the form of kid card cases, and the decorations and music are arranged for on a very grand scale.

A noticeable fact is that among the subscribers to the Prom the majority are not of the Junior Class, showing that it is being realized that the event is of more than class interest. The Committee urge all men who intend going to sign immediately to insure getting their invitations in time.

#### Senior Portfolio.

All seniors must hand in their histories for the Portfolio by Saturday, March 25, at the Cage. A sample of the style to be followed in writing each history is as follows:  $\mathbf{X} = \mathbf{\tilde{Y}} -$ 

Candidate for a Degree.

Born Feb. 26, 1883, New York

Home Address, 215 Newbury St., Boston, Mass.

Prepared at Cambridge Manual Training School.

President and Secretary Civil Engineering Society; Sophomore Football Team; Captain Sophomore Baseball Team; Sophomore Class Treasurer; Junior Class Secretary; Varsity Track Team; First Marshal Class Day.

Thesis: Investigation of Car Wheels.

#### British Empire Association.

A meeting of all British subjects at Tech was held in Room 16, Rogers, Wednesday at 1 P.M. Recorder Wells called the meeting to order and in a few words gave the idea of the organization. S. Gunn, '05, was elected temporary secretary, and H. M. Edmunds, '05, was elected temporary chairman. A committee of seven was appointed to draw up a set of rules and by-

#### CALENDAR.

FRIDAY, MARCH 24.

1.00 P.M. Nominations close for offi-cers of Cross Country Ass'n.

4.00 p.m. Tech Show Rehearsal. Chorus. Tech Union.

8.00 P.M. Gymnastic Exhibition at Gym. Admission 25 cents. SATURDAY, MARCH 25.

1.00 P.M. Senior Histories for Port-folio must be in.

2.00 P.M. Tech Show Rehearsal. Principals. Tech Union.

6.30 P.M. Tech Kommers at Union. Western Clubs night.

#### Mining Summer School.

It has been found impossible this year to repeat the Crocker Union Summer School of Mining which was held so successfully last year in Colorado. Instead, the regular M. I. T. Metallurgical Summer School will be held for a period of about three weeks during the month of June. The itinerary, as planned at present, covers lead smelting at Perth Amboy, copper smelting at Baltimore and iron and steel metallurgy and coal mining at Pittsburg. This school is open to members of the second, third and fourth year classes in Course III.

#### Kommers.

The Missouri Club will have charge of the Kommers tomorrow evening and urges all western men to turn out and make the occasion a success. There is no distinction made as to who is a western man and who is not, so everybody will be welcomed.

Prof. Erastus G. Smith of Beloit College, Wisconsin, who is at the Institute studying eastern sanitary methods, will speak on some western topic. Professor Smith is an interesting speaker and because of extensive travel in the west has accumulated many entertaining and amusing anecdotes. Tickets can be procured from Mr. Powers; price, 25 cents.

#### M. I. T. Y. M. C. A.

The M. I. T. Christian Association met last evening to discuss the effectiveness of the Sunday School as regards the development and the maintenance of the civil life of the community, with the hope that Tech men will after graduation actively engage in this work. Prof. Dwight Porter presided.

during the college year (from September to June by students of the Massachusetts Institute of Technology.

Application pending for entry in the Boston Post-office as second-class mail matter.

#### Editorial Staff.

CHARLES T. BARTLETT, 1906, Editor-in-Chief NABWAN LOMBARD, 1905, Managing Editor WALTER H. TRASK, 1906.

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#### OFFICE HOURS:

Editor-in-Chief	11-12 Monda 1-2 Thursda
Business Manager	11-12 Tuesda 9-10 Saturda
Managing Editor, News Bureau	1-1.30 Dail
Editor-in-Charge	4-5 Dail

Contributions are requested from all under-graduates, alumni and officers of instruction. No anonymous manuscript can be accepted. All communications regarding subscrip-tions or advertisements, should be addressed to the Business Manager.

Subscription - - \$1.50 per year in advance. Single Copies 3 Cents.

In charge of this issue:

R. E. BELL, 1905

#### Friday, March 24, 1905,

WILLIAM A. MICHOLE, PRINTER, 208 BUMMER BT., REAR

Go to the Wild West Show at the Kommers tomorrow.

Freshmen step up lively and buy your little white elephants. Reduced to \$2.00.

The gymnastic exhibition to be held at the Gym this evening marks an innovation at Tech. The value of such an affair is two-

fold; it not only in-This creases interest in gym-Evening. nastics in general, but

also affords students an opportunity to see the best work that men of their number can do. The exhibition will be first class and none should miss it who enjoy seeing good gymnastics.

The action of the Sophomore Electoral Committee in beginning the competition for the Technique

Art Staff at this time should prove of great Early advantage in allowing a Organizathorough organization of tion. the art work before the

close of the present school year. The importance of the selection of a good art staff is self-evident and it is therefore to be hoped that all capable Sophomores will enter the competition.

Although we have had no especially strong men in the shot-put for some time, the showing made Tues-

day afternoon was alto-A Brace gether inexcusable. In Needed. spite of the additional

training the results were decidedly worse than those of the Indoor Meet.

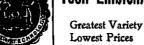


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Completion of the Simplon Tunnel. On February 24, the workmen in the tunnel under Simplon Mountain between Italy and Switzerland pierced through the last rock dividing the two headings. The tunnel was commenced in 1898, and is 121 miles long. Under favorable circumstances the work of excavation was carried on at the rate of 18 feet per day, but difficulties of a peculiar nature were met by the engineers. When less than a mile from the Italian end, a stream of cold water was struck, which poured out 12,500 gallons a minute. Later. Established 1874

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subterranean streams of hot water were tapped, which caused great injury to the workmen. In places the temperature in the middle of the tunnel reached 132 degrees Fahrenheit. The rock was of such a yielding nature, and the weight of the mountain so great, that steel and timber props were useless. It was found necessary to arch the preliminary workings with masonry which was later enlarged to the full size of the tunnel.

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